NASA EHRS
Piloting Toward Success

NASA Occupational Health Conference
Denver, Colorado
July 25, 2007

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NASA EHRS
Project Management Team

Project Sponsor: Cathy Angotti

Steering Committee: Office of the Chief Health and Medical Officer
                                Occupational Health Support Office
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Task Force: NASA OH Center Representatives

NASA EHRS Update

- Agency Electronic Health Record System
- EHRS Project Milestones
- EHRS Pilot Evaluation and Testing
- OH Module Development

NASA EHRS Goals

- **NASA Electronic Health Record System**
  - Standardize Healthcare Delivery Across All NASA Clinics
  - Manage and Support Patient Care
  - Facilitate Clinical Decision Making
  - Support Authorized Multiple User Access

NASA EHRS Goals

- **NASA Electronic Health Record System**
  - Improve Integrity, Analysis, and Reporting
  - Provide Reliable and Secure Record Storage
  - Comply with Federal Regulations and Occupational Health Standards

NASA EHRS Milestones

- IT Security Plan
- Project Plan
- Statement of Work
  - Pilot Evaluation and Testing
  - OH Module Customization and Design

NASA EHRS
Education and Training

- Presentations
- Webinars
- On-Site Training
- Teleconferences

NASA EHRS
Pilot Evaluation and Testing
Mitigating the Risks

- Application Knowledge and Functionality
- Network Performance
- Security Controls

- **Application Knowledge and Functionality**
  - User Set Up, Menu Access
  - Documentation, Templates, Quick Orders, Electronic Signature
  - Alerts, Notifications, Reminders
  - Reporting Capabilities, Print Functionality
  - Audit Trails, Time Stamps by Time Zone

NASA EHRS
Pilot Evaluation and Testing
Mitigating the Risks

■ Network Performance
- – Connectivity
- – Reliability
- – Hardware

■ Security Controls

- Security Rights and Permissions
- Data Encryption and Protection

NASA EHRS
OH Module Customization

- **OH Module**
  - Design Requirements
  - Module Development
  - Installation and Testing
  - Training and Deploying

NASA EHRS
OH Module Design

- **Design Requirements**
  - Support Workflow and Services Provided at NASA OH Clinics
  - Provide Graphical User Interface (GUI) for Patient Encounter Documentation, Management, and Reporting
  - Provide Data Export Capability for Analysis and Metrics

- **Design Requirements**
  - Provide Rule Based Protocols for Required Health Care Exams
  - Provide OH Related Alerts and Reminders
  - Interface Reference Labs and Agency Biomedical Instruments
  - Integrate OH Module Into RPMS/EHRS

NASA EHRS Resources

- EHRS Website:
  - www.ohp.nasa.gov/ehrs/
  - OH Newsletter
  - Nancy Eckhardt
    - 321.867.3200
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